

Converting Colors

XYZ(25.0617, 23.5259, 11.4042)

Have a look what the booklet for
XYZ(25.0617, 23.5259, 11.4042)
contains.

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Color

**XYZ(24.9174, 23.3647,
11.3802)**

Conversions

Conversions Part 1

Format	Color
Hex	A87C53
RGB	168, 124, 83
RGB Percent	66%, 49%, 33%
CMY	0.3412, 0.5137, 0.6745
CMYK	0.00, 0.26, 0.51, 0.34
HSL	29°, 34%, 49%
HSV	29°, 51%, 66%
XYZ	24.9174, 23.3647, 11.3802
YIQ	132.4820, 39.3850, -3.4230

Conversions

Conversions Part 2

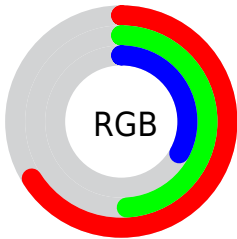
Format	Color
R_{YB}	168, 162, 83
Decimal	11041875
CIE _{Lab}	55.45, 12.05, 28.97
CIE _{LCh}	55, 31.379, 67.419
Yxy	23.3647, 0.4176, 0.3916
Android (android.graphics.Color)	4289231955 (0xFFA87C53)
YUV	132.4820, -24.3946, 31.1493
Hunter-Lab	48.3370, 7.4256, 19.8770

Details

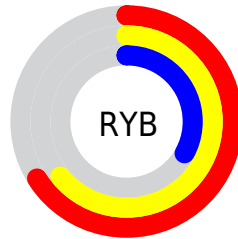
The XYZ color **24.9174, 23.3647, 11.3802** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.2241, 19.8439, 39.9152**, and the grayscale version is **22.1824, 23.3376, 25.4147**.

A 20% lighter version of the original color is **51.0071, 49.1453, 28.9879**, and **9.6601, 8.6764, 2.9158** is the 20% darker color. If you saturate the color by 10%, you get **23.3037, 21.0526, 8.0208**, and if you desaturate by 10%, it is **26.7855, 25.9342, 15.6003**.

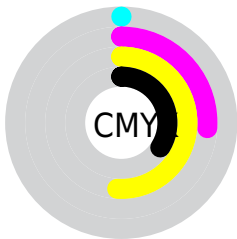
Distribution



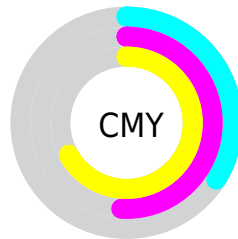
- Red (66%)
- Green (49%)
- Blue (33%)



- Red (66%)
- Yellow (64%)
- Blue (33%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (34%)





- Cyan (34%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9174, 23.3647, 11.3802 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 24.9174, 23.3647, 11.3802 by changing the saturation by 10% instead.


 24.9174, 23.3647,
11.3802


 24.9174, 23.3647,
11.3802


269.7816,
269.5927, 211.0879


 16.1439, 14.8630,
6.2058


 50.9670, 48.9915,
29.0084


 9.7176, 8.7233,
2.8998


 68.9739, 66.8854,
42.2993


 5.2729, 4.5612,
1.0437

 90.7893, 88.6788,
59.1328

 2.4447, 1.9922,
0.0000

 116.7786,
114.7561, 79.9274

 0.8674, 0.6029,
0.0000

 147.3071,
145.5018, 105.1017

 0.0000, 0.0000,
0.0000

182.7402,

181.3002, 135.0742

223.4432,
222.5357, 170.2634

■ 24.9174, 23.3647,
11.3802

■ 24.9174, 23.3647,
11.3802

■ 23.3037, 21.0526,
8.0208

■ 26.7855, 25.9342,
15.6003

■ 21.9287, 18.9849,
5.4591

■ 28.9192, 28.7665,
20.7353

■ 20.7773, 17.1524,
3.6254

■ 31.3307, 31.8713,
26.8364

■ 19.8313, 15.5434,
2.4374

■ 34.0311, 35.2564,
33.9507

■ 19.0940, 14.2161,
1.7376

■ 37.0308, 38.9295,
42.1222

■ 40.3395, 42.8978,
51.3922

■ 43.9667, 47.1683,
61.7997

■ 47.9211, 51.7476,
73.3821

■ 52.2113, 56.6424,
86.1746

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28.0470, 23.3647, 15.3608



24.9174, 23.3647, 11.3802



21.3423, 23.3647, 10.6212

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.9174, 23.3647, 11.3802



16.1331, 23.3647, 28.0342



26.5931, 23.3647, 44.2154

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.9174, 23.3647, 11.3802



18.2241, 19.8439, 39.9152

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.0956, 23.3647, 49.9990



24.9174, 23.3647, 11.3802



17.2405, 23.3647, 39.1768

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.9174, 23.3647, 11.3802



16.5106, 23.3647, 18.6814



19.7015, 23.3647, 47.9447



29.0837, 23.3647, 33.6594

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.9174, 23.3647, 11.3802



19.2257, 23.3647, 11.7908



19.7015, 23.3647, 47.9447



25.4825, 23.3647, 46.8941

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.9180, 23.3658, 11.3807



59.3946, 61.0387, 55.3316



23.1600, 16.0788, 22.4203



12.7318, 13.0355, 11.4985



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.9180, 23.3658, 11.3807



41.8803, 37.6026, 13.7552



31.1948, 35.9196, 13.4729



7.8185, 8.1171, 7.9440



14.4701, 10.8374, 1.3292



0.4035, 0.3666, 0.0495

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18.2241, 19.8439, 39.9152



28.3027, 30.4517, 71.6111



13.9499, 11.2954, 38.4905



7.4409, 7.9187, 9.5546



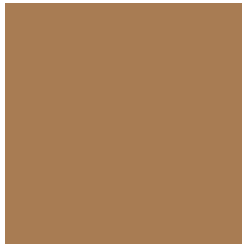
7.9601, 7.3803, 28.9805



0.2445, 0.2813, 0.7221

Previews

White Background



This preview shows how the XYZ color 24.9174, 23.3647, 11.3802 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.9174, 23.3647, 11.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

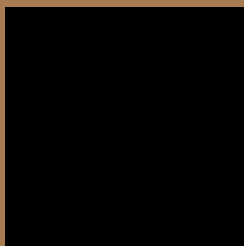
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9174, 23.3647, 11.3802

Background



This preview shows how black text looks on a background with the XYZ color 24.9174, 23.3647, 11.3802.



This preview shows how white text looks on a background with the XYZ color 24.9174, 23.3647,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.9174, 23.3647, 11.3802

Protanopia

21.7849, 23.4829, 12.4013

Deuteranopia

23.8103, 23.3650, 11.2376



Tritanopia

27.3225, 23.2598, 23.1282

Trichromacy



Original Color

24.9174, 23.3647, 11.3802

Protanomaly

22.7992, 23.4095, 12.1209

Deuteranomaly

24.2937, 23.4234, 11.2234

Tritanomaly

26.3803, 23.2386, 18.1340

Monochromacy



Original Color

24.9174, 23.3647, 11.3802

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5646, 22.9352, 19.1572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9174, 23.3647, 11.3802 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(168, 124, 83)` looks like.

```
.text, #text, p{  
    color:rgb(168, 124, 83)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(168, 124, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 124, 83) }
```

Border

The CSS property to change the border of an element to XYZ 24.9174, 23.3647, 11.3802 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 124, 83) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(168, 124, 83) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(168, 124, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 124, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 124, 83);  
box-shadow:4px 4px 4px 4px rgb(168, 124,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9174, 23.3647, 11.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 124, 83) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(168,  
124, 83) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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